

AMENDMENT

In the Claims:

1. (Canceled).
2. (Canceled).
3. (Canceled).
4. (Canceled).
5. (Canceled).
6. (Canceled).
7. (Canceled).
8. (Canceled).
9. (Canceled).
10. (Canceled).
11. (Canceled).
12. (Canceled).
13. (Canceled).
14. (Canceled).
15. (Canceled).
16. (Canceled).
17. (Canceled).
18. (Canceled).
19. (Canceled).
20. (Canceled).
21. (Canceled).
22. (Canceled).
23. (Canceled).
24. (Canceled).
25. (Canceled).
26. (Canceled).
27. (Canceled).

28. (Canceled).
29. (Canceled).
30. (Canceled).
31. (Canceled).
32. (Canceled).
33. (Canceled).
34. (Canceled).
35. (Canceled).
36. (Canceled).
37. (Canceled).
38. (New). A Method for managing data in a system,
wherein the system comprises at least one community offering a plurality of services,
wherein said at least one community system comprises:
at least one service database containing service data,
at least one identity database containing user-specific data, and
at least one service access point (SAP) having at least one user database communicating
with said service database and said identity database,
wherein the method comprises steps:
maintaining user-specific data of at least one user of said at least one service access point
(SAP) in the at least one identity database,
maintaining service data of at least one service in at least one service database,
publishing at least part of the user-specific data of the identity database to the service
database, and
determining in the service database a list of services based on the published user-specific
data.
39. (New). The Method according to claim 38, wherein the method comprises a step of
exchanging user-specific data between said identity database and said service access point (SAP)
by synchronizing the data between said identity database and said user database.

40. (New). The Method according to claim 38, wherein user-specific identity and preference data is replicated from the identity database to the user database so that the user database has at least partial copy of said identity and preference data.

41. (New). The Method according to claim 38, wherein the method comprises a step of exchanging service data between said service database and said service access point (SAP) by synchronizing the data between said service database and said user database.

42. (New). The Method according to claim 38, wherein service data is replicated from the service database to the user database so that the user database has at least partial replica copy of said service data.

43. (New). The Method according to claim 42, wherein the method comprises a step of refreshing said replica copy of the user database with at least some data related to the data of said list of services.

44. (New). The Method according to claim 38, wherein the method comprises a step of maintaining the identity and preference data in the user database.

45. (New). The Method according to claim 38, wherein a service is selected from the list of services.

46. (New). The Method according to claim 38, wherein the data of at least one service comprises service executable application software.

47. (New). The Method according to claim 38, wherein the data of at least one service comprises service configuration data.

48. (New). The Method according to claim 45, wherein at least some data of said selected service is downloaded from the service database to the user database.

49. (New). The Method according to claim 48, wherein said selected service is executed using executable software binary data and configuration data available in the user database.

50. (New). The Method according to claim 45, wherein a selected service is located and invoked by using a uniform resource locator (URL) of the selected service.

51. (New). The Method according to claim 38, wherein said identity and preference data comprises information of user's location point and appropriate time information.

52. (New). The Method according to claim 38, wherein said identity and preference data comprises information of user's usage history of services.

53. (New). The Method according to claim 38, wherein said identity and preference data comprises information of user's access authorization to the list of services.

54. (New). The Method according to claim 38, wherein said identity and preference data comprises information of the configuration of the service access point (SAP).

55. (New). The method according to claim 38, wherein the method is compliant with at least one of the following communication specifications: TCP/IP, CDMA, GSM, GPRS, WCDMA, UMTS, Teldesic, Iridium, Inmarsat, WLAN and imode.

56. (New). The method according to claim 38, wherein at least one of the following operating systems is used in the service access point (SAP): Unix, MS-windows, EPOC, NT, MSCE, Linux, PalmOS and GEOS.

57. (New). A storage media comprising a stored, readable computer program, comprising instructions for controlling the data management system and components thereof to implement the method according to claim 38.

58. (New). A system for managing data in a community system comprising:
at least one community offering a plurality of services,
at least one service database containing service data,
at least one identity database containing user-specific data, and
at least one service access point (SAP) having at least one user database and
wherein the service access point (SAP) has a means for communicating with said service database and said identity database,
wherein the managing system comprises:
the at least one identity database arranged to maintain user-specific data of at least one user of said at least one service access point (SAP),
the at least one service database arranged to maintain service data of at least one service in,
a means for publishing at least part of the user-specific data of the identity database to the service database, and
a means for determining in the service database a list of services based on the published user-specific data.

59. (New). The System according to claim 58, wherein a first synchronizing means is arranged to exchange user-specific data between said identity database and said user database of said service access point (SAP).

60. (New). The System according to claim 58, wherein at least one identity database server containing identity and preference data is arranged to replicate at least partial replica copy of said identity and preference data to user database server.

61. (New). The System according to claim 58, wherein second synchronizing means is arranged to exchange service data between said service database and said user database of said service access point (SAP).

62. (New). The System according to claim 58, wherein at least one service database server containing service data is arranged to replicate at least partial replica copy of said service data to the user database server.

63. (New). The System according to claim 62, wherein said replica copy of said service data in the user database server is refreshed with at least some data related to the data of said list of services.

64. (New). The System according to claim 58, wherein the user database is arranged to maintain the identity and preference data.

65. (New). The System according to claim 58, wherein a service is selected from the list of services.

66. (New). The System according to claim 58, wherein application software is arranged to execute the service data of at least one service.

67. (New). The System according to claim 58, wherein the service data of at least one service comprises service configuration data.

68. (New). The System according to claim 65, wherein at least some data of said selected service is downloaded from the service database to the user database.

69. (New). The System according to claim 68, wherein software binary data and configuration data available in the user database is arranged to execute said selected service.

70. (New). The System according to claim 65, wherein a uniform resource locator (URL) of the selected service is arranged to locate and invoke a selected service

71. (New). The System according to claim 58, wherein said identity and preference data comprises information of user's location point and appropriate time information.

72. (New). The System according to claim 58, wherein said identity and preference data comprises information of user's usage history of services.

73. (New). The System according to claim 58, wherein said identity and preference data comprises information of user's access authorization to the list of services.

74. (New). The System according to claim 58, wherein said identity and preference data comprises information of the configuration of the service access point (SAP).

75. (New). The System according to claim 58, wherein the system is arranged to be compliant with at least one of the following communication specifications: TCP/IP, CDMA, GSM, GPRS, WCDMA, UMTS, Teldesic, Iridium, Inmarsat, WLAN and imode.

76. (New). The System according to claim 58, wherein at least one of the following operating systems is arranged to operate in the service access point (SAP): Unix, MS-windows, EPOC, NT, MSCE, Linux, PalmOS and GEOS.

77. (New). The System according to claim 58, wherein the service assembly point (SAP) is a combination of a mobile station and a computer.

78. (New). The System according to claim 58, wherein the service assembly point (SAP) is a database server.

79. (New). The System according to claim 58, wherein the service assembly point (SAP) is a user terminal device.

80. (New). The System according to claim 58, wherein the service database server and/or the identity database is arranged to operate at least one of the following operating systems: Unix, MS-windows, NT and Linux.

81. (New). A community server for data management in a community system, the community server comprising:

- at least one community offering a plurality of services,
- at least one database containing community data,
- a means for communication between the community system and at least one service access point (SAP) having at least one user database, wherein the at least one master database arranged to maintain data of at least one service,
- a means for joining said service access point (SAP) into the community system,
- a means for receiving published user-specific data from another database server in the community system, and
- a means for determining a list of services based on the published user specific data.

82. (New). The Server according to claim 81, wherein synchronizing means is arranged to exchange data between said community server and said user database of said service access point (SAP).

83. (New). The Server according to claim 81, wherein at least one database containing service data is arranged to replicate at least partial replica copy of said service data to user database.

84. (New). The Server according to claim 83, wherein the community server is arranged to refresh said replica copy of said service data in the user database server with at least some data related to the data of said list of services.

85. (New). The Server according to claim 81, wherein the community server comprises means for maintaining service classification information.

86. (New). The Server according to claim 81, wherein the community server is arranged to be a master database server in the community database system and the user database of the service access point (SAP) a replica database server in the community database server system containing community data.